

Pt. Name:	هاني نصر أحمد	Lab Number:	C1328-2026
Pt. Age:	2 years.	Gender:	Male
Received date:		Reported date:	2026-02-26
Referred By:	د/ فايز البشري	Reported date:	2026-03-01

PATHOLOGY REPORT

Clinical Information.	Right Pleural efusion.
Nature of specimen.	Pleural fluid for cytology.

GROSS:

One smears was made and pap stained.

MICROSCOPIC:

Smear shows many degenerated clusters and balls as well as many separate forms of large sized atypical epithelial cells exhibiting focal cytoplasmic vacuolation. Nuclei are vesicular. There are many small lymphocytes and neutrophils in background with many reactive mesothelial cells. Such cytological features are more in consistency with metastatic adenocarcinoma. However, mesothelioma can not completely excluded.

DIAGNOSIS:

Pleural fluid, cytology:

- Positive for atypical epithelial looking cells, uncertain of epithelial (metastatic adenocarcinoma) or mesothelial (mesothelioma).
- (Category V according to The International System for Reporting Serous Fluid Cytology, ISRSFC).

COMMENT:

Correlation with radiological findings (to ensure or exclude the presence of pleural mass lesion) as well as careful metastatic work-up (especially of lungs) are both advised to confirm the diagnosis of metastasis and to exclude the less likely possibility of mesothelioma.

Pathologist

Prof. Dr. Neveen Tahoun, MD, PhD
01-03-2026

Nerveen Tahoun